(FILE 'HOME' ENTERED AT 14:44:01 ON 05 JUL 2000)

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        FILE 'CA' ENTERED AT 14:44:04 ON 05 JUL 2000
L1          3001 S (1ST OR FIRST) AND (2ND OR SECOND) AND (POLISHSTOP? OR
ETCHST
L2           128 S L1 AND (CMP OR POLISH? OR CHEMIPOLISH? OR CHEMIMECH? OR
PLANA
L3            14 S L2 AND (C OR CARBON)
L4            16 S L2 AND (IMPLANT? OR DOP?)
L5            28 S L3 OR L4
L6           100 S L2 NOT L5
                 DEL POLISHL20/A
                 DEL POLISHL9/A
                 SAVE POLISHL5/A L5
                 SAVE POLISHL6/A L6

        FILE 'JAPIO' ENTERED AT 14:48:20 ON 05 JUL 2000
                 ACTIVATE POLISHL5/A
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L7               QUE  (1ST OR FIRST) AND (2ND OR SECOND) AND (POLISHSTOP? OR
ETC
L8               QUE  L7 AND (CMP OR POLISH? OR CHEMIPOLISH? OR CHEMIMECH? OR
PL
L9               QUE  L8 AND (C OR CARBON)
L10              QUE  L8 AND (IMPLANT? OR DOP?)
L11              QUE  L9 OR L10
                 ---------
                 ACTIVATE POLISHL6/A
                 ---------
L12              QUE  (1ST OR FIRST) AND (2ND OR SECOND) AND (POLISHSTOP? OR
ETC
L13              QUE  L12 AND (CMP OR POLISH? OR CHEMIPOLISH? OR CHEMIMECH? OR
P
L14              QUE  L13 AND (C OR CARBON)
L15              QUE  L13 AND (IMPLANT? OR DOP?)
L16              QUE  L14 OR L15
L17              QUE  L13 NOT L16
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L18           49 S L11
L19          134 S L17
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SAVE SILICON2 COMPLETED.
SS 7?
his

SS 1: (PLANARIZ: OR CMP OR POLISH: OR CHEMIPOLISH: OR CHEMIMECH:) AND
   IMPLANT: (253)
SS 2:   SS 1 AND (AR OR ARGON# OR B OR BORON# OR N OR NITROGEN# OR
   PHOSPHORUS# OR P) (94)
SS 3:   SS 2 AND (SILICATE: OR GLASS OR SIO OR SIO2 OR SOG OR BOROSILICATE:
OR
   PHOSPHOSILICATE: OR BOROPHOSPHOSILICATE:) (19)
SS 4:   SS 2 AND (PHOSPHOBOROSILICATE: OR BPSG OR PSG OR BSG OR PBSG OR
   SILLICATE:) (1)
SS 5:   SS 3 OR SS 4 (19)
SS 6:   SS 2 AND NOT SS 5 (75)

SS 7?

SS 1:   (PLANARIZ: OR CMP OR POLISH: OR CHEMIPOLISH: OR CHEMIMECH:) AND
   IMPLANT: (298)
SS 2:   1 AND (AR OR ARGON# OR B OR BORON# OR N OR NITROGEN# OR PHOSPHORUS#
OR
   P) (155)
SS 3:   2 AND (SILICATE: OR GLASS OR SIO OR SIO2 OR SOG OR BOROSILICATE: OR
   PHOSPHOSILICATE: OR BOROPHOSPHOSILICATE:) (47)
SS 4:   2 AND (PHOSPHOBOROSILICATE: OR BPSG OR PSG OR BSG OR PBSG OR
   SILLICATE:) (3)
SS 5:   3 OR 4 (49)
SS 6:   2 AND NOT 5 (106)

SS 7?

SS 1:   (PLANARIZ: OR CMP OR POLISH: OR CHEMIPOLISH: OR CHEMIMECH:) AND
      IMPLANT: (309)
SS 2:   1 AND (AR OR ARGON# OR B OR BORON# OR N OR NITROGEN# OR PHOSPHORUS#
OR
      P)   (149)
SS 3:   2 AND (SILICATE: OR GLASS OR SIO OR SIO2 OR SOG OR BOROSILICATE: OR
      PHOSPHOSILICATE: OR BOROPHOSPHOSILICATE:)   (13)
SS 4:   2 AND (PHOSPHOBOROSILICATE: OR BPSG OR PSG OR BSG OR PBSG OR
      SILLICATE:)   (3)
SS 5:   3 OR 4   (13)
SS 6:   2 AND NOT 5   (136)

SS 7?